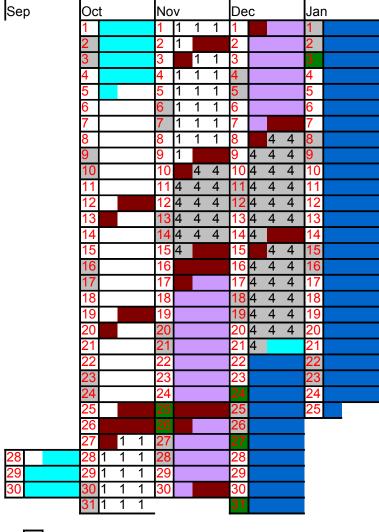
## FY 2011 APS Long-Range Operations Schedule

Run 2010-3



User Operation in standard lattice
User Operation in Reduced
Horizontal Lattice(RHB)

Top-Up Operations is standard unless indicated in fill pattern

SOM Periods

1 Hybrid Fill - (singlet)

4 324 Singlets - Non Top-Up

Machine Studies

Maintenance
Shifts set aside for Studies/
Machines Intervention as Needed

Weekends
Lab Holidays
Anticipated Extension
of Maintenance
Periods due to
Budget Limitations

Fill pattern is 24 singlets unless otherwise indicated by number

## Breakdown of User Shifts by Fill Pattern Number of 8-hour User Shifts

|        | 24 Singlets - Top-Up | Hybrid Fill - Top-Up | 324 Singlets - Non Top-Up | Total Shifts | Total Hours |
|--------|----------------------|----------------------|---------------------------|--------------|-------------|
| 2010-3 | 107                  | 36<br>               | 51<br>                    | 194          | 1552<br>    |
| SUM    | 107                  | <br>36               | <br>51                    | <br>194      | <br>1552    |